

## NOTES

### FORTHCOMING MEETINGS

#### 1986

##### 8–21 May

International Symposium on Flood Frequency and Risk Analyses. Department of Civil Engineering, Louisiana State University, Baton Rouge, Louisiana 70803-6405, U.S.A. Further details from: Dr. Vijay P. Singh, or Dr. Tissa H. Illangasek at the above address.

##### 20–21 May

Desert Sediments: Ancient and Modern. A 2-day Special Scientific Meeting will be convened at the Geological Society, Burlington House, Piccadilly, London W1V OJU, England by Drs. L. E. Frostick and I. Reid.

The programme will integrate modern process studies of desert sedimentation with the interpretation of ancient counterparts. All aspects of arid-zone sediments and sedimentation will be included with major sections devoted to fluvial, aeolian and evaporitic deposits, and their diagenesis.

Further information from Miss C. Symmonds, Geological Society, Burlington House, Piccadilly, London W1V OJU, U.K.

##### 4–8 August

International Symposium on Drainage Basin Sediment Delivery, Albuquerque, New Mexico, U.S.A. This symposium is sponsored by the International Commission on Continental Erosion of IAHS in cooperation with the University of New Mexico. The major focus of attention will be the conveyance and storage mechanisms interposed between on-site erosion and downstream sediment yield. Further information and copies of the First Circular: Professor R. F. Hadley, Department of Geography, University of Denver, Denver, Colorado 80208, U.S.A.; or Dr. D. E. Walling, Department of Geography, University of Exeter, Exeter, Devon, EX4 4RJ, U.K.

##### 12–29 August

12th International Sedimentological Conference, Canberra. 'Sediments Down-Under'. Information: Dr. Graham Taylor, c/o Geology Department, School of Applied Science, Canberra College of Advanced Education, P.O. Box 1, Belconnen, ACT 2616, Australia.

##### 24–30 August

12th International Sedimentological Congress, A.N.U., Canberra, Australia. First circular and all correspondence: 12th I.S.C., ACTS, GPO Box 1929, Canberra, ACT 2601, Australia.

##### 1987

##### 6–10 April

International Symposium on Hydrology in Perspective: Lessons from the past; prospects for the future. International Association of Hydrological Sciences—convened and organized by the National Research Council and the Department of Hydraulics, Road and Transportation Engineering, University of Rome, Italy. Venue: Rome, Italy. Further information from: International Association of Hydrological Sciences, GIBI s.a.s Studio Congressi, Via Marco Besso, 40, 00191 Roma, Italy.

##### 31 July–9 August

The XII Congress of the International Quaternary Union (INQUA) will be held in Ottawa, Ontario. Persons wishing to participate in the organization of symposia or special sessions are asked to contact Dr. Alan V. Morgan, Secretary General XII INQUA Congress, Department of Earth Sciences, University of Waterloo, Waterloo, Ontario, Canada, N2L 3G1, as soon as possible.

##### 9–22 August

International Association of Hydrological Sciences at the XIX General Assembly of the International Union of Geodesy and Geophysics. Venue: University of British Columbia, Vancouver, B.C., Canada. All correspondence for the IAHS programme should be addressed to: The National Organizing Committee Chairman, Dr. G. J. Young, CNC/IAHS, Inland Waters Directorate, Environment Canada, Ottawa, Ontario, Canada K1A OE7.

##### 31 August–4 September

22nd Congress of the International Association of Hydraulic Research (IAHR), Lausanne, Switzerland. Contact: Prof. Dr. Walter H. Graf, Director, Laboratoire d'hydraulique, Ecole Polytechnique Fédérale, CH-1015 Lausanne, Switzerland.

## AUTHOR INDEX

Abrahams, A. D., 635  
Appleby, P. G., 45, 137

Babikir, A. A. A., 3  
Battarbee, R. W., 137  
Benson-Evans, K., 227

Borowka, R. K., 215  
Box, E. O., 557  
Braun, D. D., 639  
Brierley, G. J., 597  
Brown, A. G., 27, 281  
Burkin, P. J., 257

Carter, A. D., 45  
Chambers, F. M., 227  
Chien, N., 143  
Cooke, R. U., 541  
Cousens, S. M., 321  
Coutard, J. P., 309

- Crabtree, R. W., 331  
 Cullingford, R. A., 17  
 Culling, W. E. H., 569
- Dardis, G. F., 483  
 Dawson, A. G., 17  
 Dawson, M., 237  
 Dearing, J. A., 45  
 Delcourt, H. R., 293  
 Delcourt, P. A., 293  
 Duck, R. W., 193, 401  
 Dury, G. H., 205
- East, T. J., 441  
 Ek, C., 173  
 Epema, G. F., 69
- Farres, P. J., 321  
 Flower, R. J., 137  
 Folkoff, M. E., 621  
 Foster, I. D. L., 45  
 Frostick, L. E., 33
- Gardiner, V., 203  
 Gardner, J., 557  
 Gewelt, M., 173  
 Gilvear, D. J., 363  
 Goedheer, G. J., 375  
 Goossens, D., 353  
 Greenaway, M. A., 427  
 Gregory, K. J., 203, 343  
 Grieve, I. C., 75  
 Gurnell, A. M., 343
- Harkness, D. D., 17  
 Hickin, E. J., 597  
 Hill, C. T., 343  
 Hollis, S., 343  
 Huybrechts, W., 247
- Innes, J. L., 519
- Jackson, C. C. E., 3  
 Jennings, J. N., 427  
 Jones, R., 227  
 Jungerius, P. D., 189
- Klein, M., 525  
 Klimek, K., 273  
 Kotarba, A., 83
- Lancaster, N., 607  
 Layman, J. T., 33  
 Leeks, G. J., 413  
 Lindner, L., 387
- McCaig, M., 407  
 McGreevy, J. P., 125, 509  
 McManus, J., 193  
 Marks, L., 287  
 Meentemeyer, V., 557, 621  
 Misdorp, R., 375  
 Mosley, M. P., 465  
 Mücher, H. J., 309  
 Mur, L. R., 189
- Newson, M. D., 413
- Odell, K., 137  
 Ostaficzuk, S., 387
- Pekala, K., 387  
 Petts, G. E., 363  
 Pringle, A. W., 107
- Reid, I., 33  
 Richards, K., 407  
 Riezebos, H. Th., 69  
 Roels, J. M., 587  
 Rotnicki, K., 215
- Saunders, I., 85  
 Schmidt, K-H., 497  
 Simpson, A., 45  
 Smith, D. E., 17  
 Smith, D. I., 427  
 Spate, A. P., 427  
 Sperling, C. H. B., 541  
 Starkel, L., 83, 203  
 Szczesny, R., 387
- Tindale, D. S., 465  
 Trudgill, S. T., 331
- Van den Ancker, J. A. M., 189  
 Van Eerdt, M. M., 95  
 Veen, A. W. L., 79  
 Voslamber, B., 79
- Watts, S. H., 161
- Young, A., 85
- Zawilinska, L., 273

## KEY WORD INDEX

- Accelerated erosion, 401  
 Aeolian processes, 607  
 Afforestation, 137  
 Aggregate, 465  
 Algae, 189  
 Alluvial channels, 635, 639  
 Alluvial fan, 237  
 Alluvial fill, 273  
 Alluvial sediments, 247  
 Alluviation, 257  
 Anthropogenic, 257  
 Anthropogenic deposition, 273  
 Arid environments, 541  
 Arkley's leaching index, 621  
 Australia, 441  
 Available sediment production, 79
- Beach sediment input, 107  
 Bedform, 375
- Bedform asymmetry, 375  
 Bedform dimensions, 375  
 Bedload, 33, 407, 413  
 Bed material, 465  
 Bedrock, 161  
 Bedrock channels, 635, 639  
 Blowout, 189  
 Boulders, 407, 413  
 Bulk sediment sampling, 465
- Calcium sulphate, 509  
 Carbon dioxide, 173  
 Caves, 173  
 Channel dimensions, 205  
 Chemical denudation, 497  
 Clay mineral assemblages, 621  
 Climate, 621  
 Climatic cabinet, 541  
 Climatic change, 519
- Colluvial fans, 519  
 Colorado River System, 497  
 Composite structure, 95  
 Continental gravels, 3  
 Core correlation, 45  
 Correspondence analysis, 343  
 Cross-valley moraine, 483  
 Crystallization, 541  
 Current directions, 375
- Darling Downs, 441  
 Deciduous woodland, 45  
 Debris flows, 519  
 Deflation, 189  
 Denudation rates, 497  
 Delta, 483  
 Determination of subfossil and fossil palaeo-channel bottoms, 215  
 Diatoms, 193  
 Digging animals, 79

- Discharge retrodiction, 205  
 Discriminant analysis, 621  
 Dissolved organic carbon, 75  
 Dissolved organic matter, 75  
 Dreikanter, 3  
 Drop shape, 69  
 Dunes, 189  
 Dust cloud, 353  
 Erosion plots, 587  
 Erosion rates, 427  
 Erosivity, 69  
 Equilibrium, 143  
 Evapotranspiration, 557  
 Experimental geomorphology, 309  
 Experiments, 125  
 Extrapolation, 587  
 Facies analysis, 237  
 Factor analysis, 441  
 Flandrian, 17  
 Floodplain development, 281  
 Floodplain sediments, 281  
 Fluvial incision, 247  
 Fluvial process, 143  
 Fluvial sedimentology, 33  
 Forest stand simulation models, 293  
 Freezing and thawing, 309  
 Frost (action), 161  
 Glaciers, 387  
 Glacioisostasy, 17  
 Grain size analysis, 281  
 Grain size distribution, 353  
 Gravel-bed rivers, 465, 597  
 Hofuf formation, 3  
 Holocene, 227, 247  
 Honeycomb weathering, 509  
 Human contamination, 173  
 Hydration, 541  
 Jordan, 525  
 Karst, 427  
 Lake sediment, 45  
 Lake sediment deposition, 401  
 Lichenometry, 519  
 Limestone abrasion, 427  
 Limestone solution, 427  
 Longshore sediment movement, 107  
 Low sinuosity, 237  
 Magnesian Limestone, 331  
 Magnetic susceptibility, 45  
 Magnitude and frequency of sediment transport, 497  
 Marine transgression, 17  
 Mass transport, 79  
 Meanders, 525  
 Mechanical denudation, 497  
 Micro-erosion meter, 427  
 Micro-weight loss, 331  
 Mountain streams, 407, 413  
 Multivariate statistics, 281, 441  
 Namib Desert, 607  
 New Zealand, 465  
 Ordination, 343  
 Organic (activity), 161  
 Organic content, 193  
 Organic sediment, 27  
 Palaeodischarge, 205, 215  
 Palaeoecology, 227  
 Palaeohydrology, 237, 257  
 Palaeolimnology, 227  
 Palaeovalley, 247  
 Particle size, 441, 597  
 Past river discharge, 215  
 $^{210}\text{Pb}$  analysis, 45  
 $^{210}\text{Pb}$  dating, 137  
 Periphyton, 363  
 Photogeological mapping, 387  
 Pollen analysis, 293  
 Probability after-effect, 569  
 Qatar, 3  
 Reservoir release, 363  
 Reservoir siltation, 193  
 Reservoirs, 143  
 Rhythmic beach feature, 107  
 River adjustment, 525  
 River channels, 143  
 River floods, 33  
 River meanders, 635, 639  
 River-regulation, 143  
 River terrace, 237  
 Road construction, 401  
 Rock disintegration, 541  
 Rock temperatures, 125  
 Root reinforcement, 95  
 Runoff and sediment relationships, 497  
 Runoff contributing areas, 343  
 Salt marsh cliff stability, 95  
 Salt marsh erosion, 95  
 Salt weathering, 509, 541  
 Salts (crystallization), 161  
 Sampling, 587  
 Sampling procedures, 465  
 Sand movements, 607  
 Scanning electron microscope, 161  
 Scanning electron microscopy, 509  
 Schmidt hammer, 427  
 Scotland, 137  
 Seasonal variations, 173  
 Secondary clay minerals, 621  
 Sediment accumulation, 137  
 Sediment chemistry, 227  
 Sediment sampler, 33  
 Sediment sorting, 597  
 Sediment sources, 27, 363  
 Sediment yield, 45, 193  
 Sedimentation rates, 227  
 Shoreline, 17  
 Silt loam, 309  
 Smoluchowski process, 569  
 Sodium sulphate, 541  
 Soil aggregate stability, 321  
 Soil carbon, 557  
 Soil chemistry, 331  
 Soil erosion, 137  
 Soil loss, 587  
 Soil mechanics, 95  
 Soil micromorphology, 309  
 Soil moisture, 343  
 Solutional denudation, 331  
 Sonograph, 375  
 Southeast England, 257  
 Spectrophotometry, 75  
 Spitsbergen, 387  
 Splash detachment, 69  
 Splash transport, 69  
 Stabilization, 189  
 Standards, 465  
 Sternberg's Law, 597  
 Stratification, 353  
 Stream sediment transport, 401  
 Streamwater, 75  
 Structural modifications, 309  
 Subaqueous, 483  
 Subfossil meandering palaeochannel, 215  
 Subtidal channel, 375  
 Supraaquatic, 483  
 Surface layer sampling, 465  
 Suspended sediment, 27  
 Suspended solids, 363  
 Taxon calibrations, 293  
 Thermal rock properties, 125  
 Till cliff erosion, 107  
 Trace elements, 273  
 Transport height, 353  
 Turbidity, 363  
 Turbulence, 353  
 Undrained shear strength, 635  
 Upper Vistula valley, 173  
 Vegetation mapping, 343  
 Vegetation reconstruction, 293  
 Velocity estimation in difficult circumstances, 569  
 Velocity profile, 375  
 Ventifact graveyards, 3  
 Ventifacts, 3  
 Vertical percolation, 331  
 Water-born pollen, 27  
 Water discharge, 525  
 Wave analysis, 107  
 Weathering, 125, 161  
 World distributions, 557